

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041923\
 Data File : BN025014.D
 Acq On : 19 Apr 2023 22:50
 Operator : CG/JU
 Sample : 02296-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCBL2

Quant Time: Apr 20 05:10:51 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN040723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 20 05:08:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

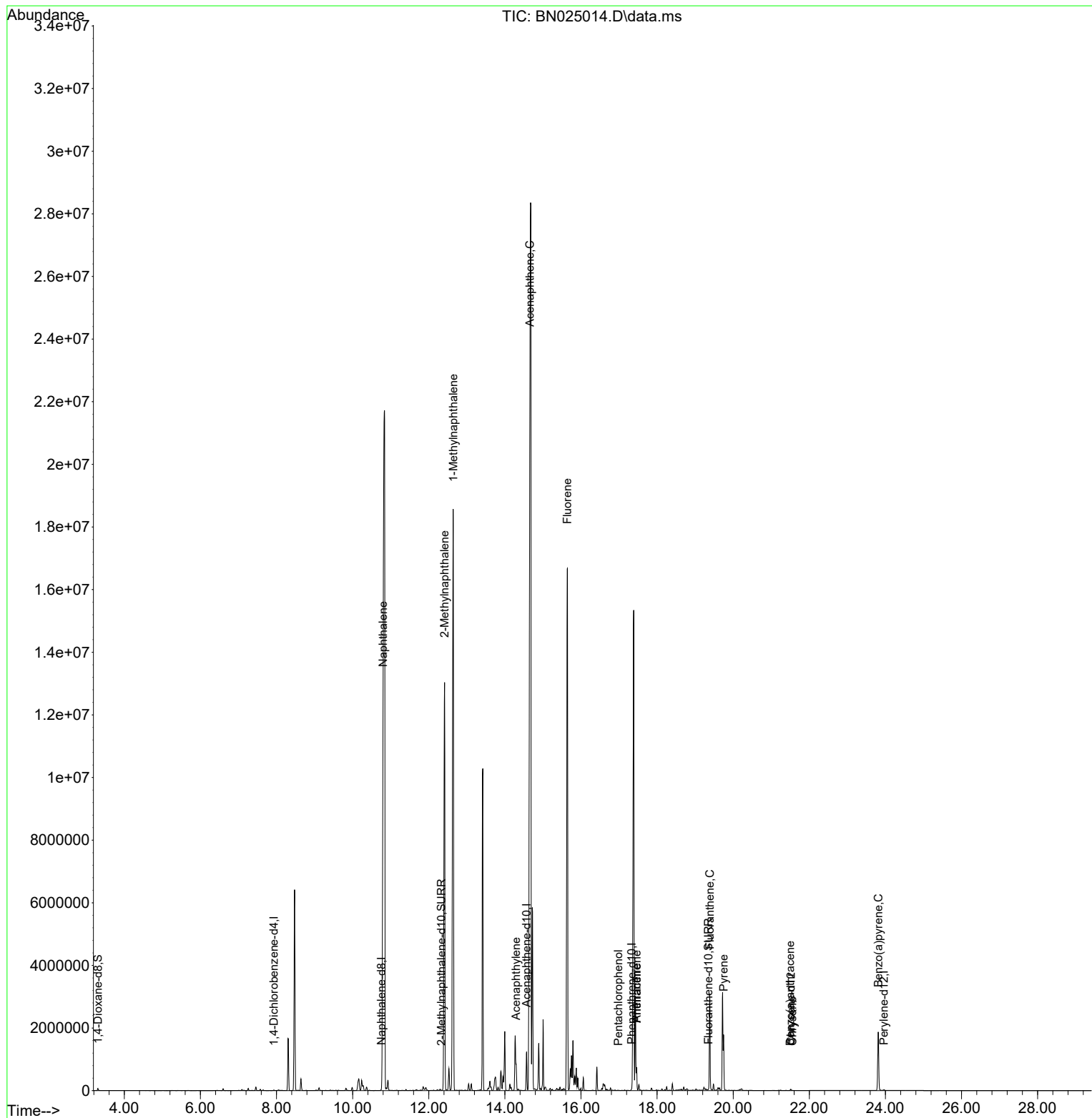
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	9744	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	30033	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.570	164	55981	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.330	188	42590	0.400	ng/ul	0.00
17) Chrysene-d12	21.514	240	38487	0.400	ng/ul	0.00
23) Perylene-d12	23.958	264	34333	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.306	96	43180	4.058	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	14777	0.383	ng/ul	0.00
18) Fluoranthene-d10	19.349	212	28596	0.299	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.798	128	35301998	461.190	ng/ul#	92
7) 2-Methylnaphthalene	12.415	142	9956031	209.178	ng/ul	99
8) 1-Methylnaphthalene	12.645	142	15193937	301.107	ng/ul	98
10) Acenaphthylene	14.297	152	513444	2.445	ng/ul#	83
11) Acenaphthene	14.658	153	26716815	148.453	ng/ul	94
12) Fluorene	15.644	166	12815234	63.579	ng/ul	97
14) Pentachlorophenol	16.984	266	184	0.020	ng/ul	94
15) Phenanthrene	17.461	178	827736	6.897	ng/ul	99
16) Anthracene	17.461	178	817640	8.196	ng/ul	99
19) Fluoranthene	19.382	202	2549612	19.238	ng/ul	98
20) Pyrene	19.749	202	1392594	10.255	ng/ul	99
21) Benzo(a)anthracene	21.497	228	6816	0.056	ng/ul#	86
22) Chrysene	21.552	228	6148	0.047	ng/ul#	59
26) Benzo(a)pyrene	23.812	252	9906	0.087	ng/ul#	60

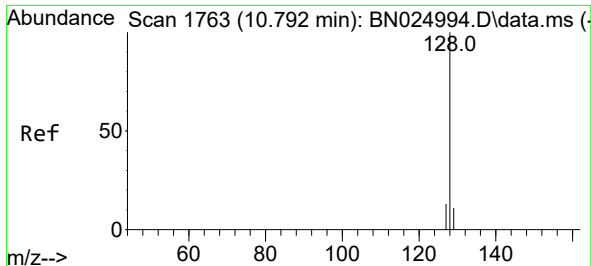
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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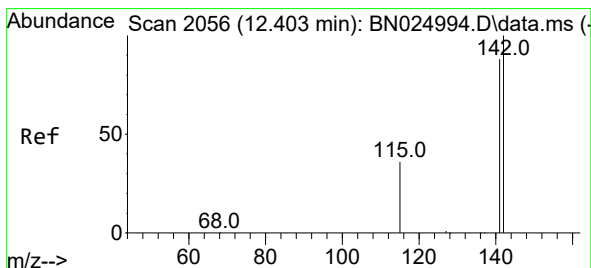
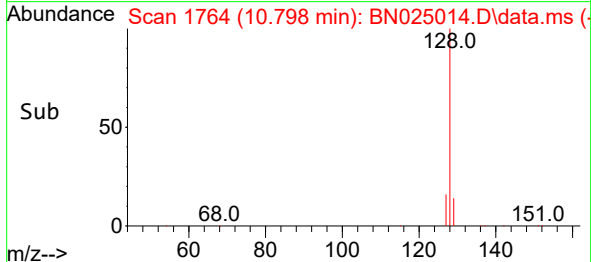
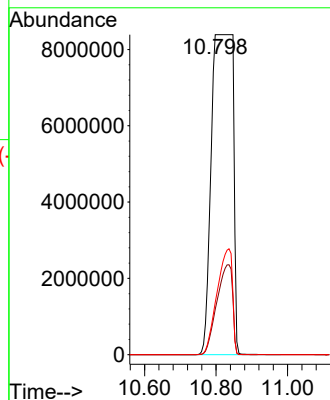
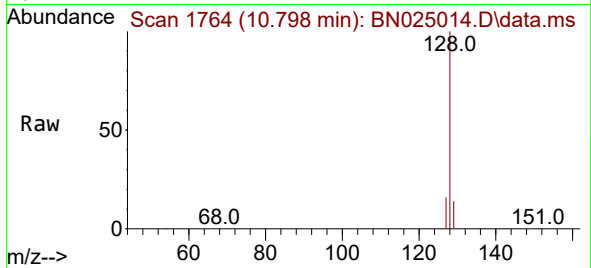




#5
Naphthalene
Concen: 461.190 ng/ul
RT: 10.798 min Scan# 1764
Delta R.T. 0.006 min
Lab File: BN025014.D
Acq: 19 Apr 2023 22:50

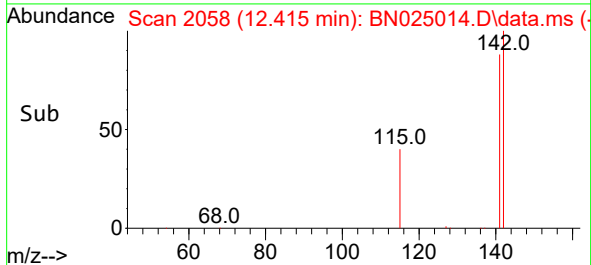
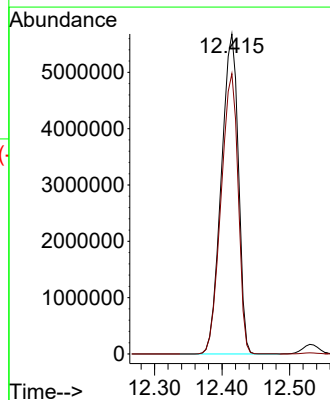
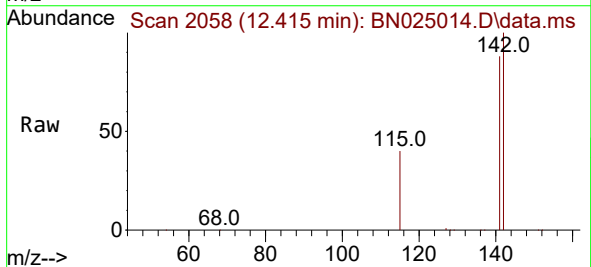
Instrument :
BNA_N
ClientSampleId :
DCBL2

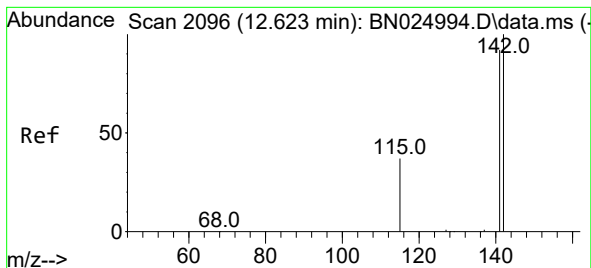
Tgt Ion:128 Resp:35301998
Ion Ratio Lower Upper
128 100
129 14.2 9.1 13.7#
127 16.4 10.5 15.7#



#7
2-Methylnaphthalene
Concen: 209.178 ng/ul
RT: 12.415 min Scan# 2058
Delta R.T. 0.011 min
Lab File: BN025014.D
Acq: 19 Apr 2023 22:50

Tgt Ion:142 Resp: 9956031
Ion Ratio Lower Upper
142 100
141 87.5 70.7 106.1





#8

1-Methylnaphthalene

Concen: 301.107 ng/ul

RT: 12.645 min Scan# 2100

Delta R.T. 0.022 min

Lab File: BN025014.D

Acq: 19 Apr 2023 22:50

Instrument :

BNA_N

ClientSampleId :

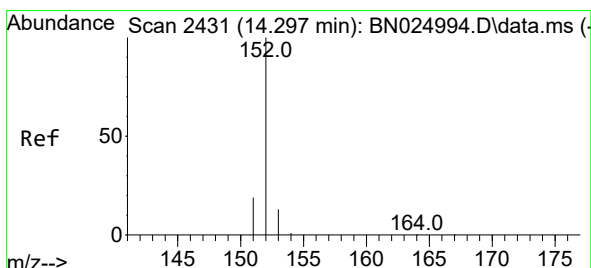
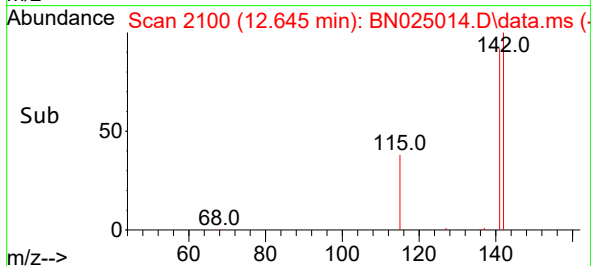
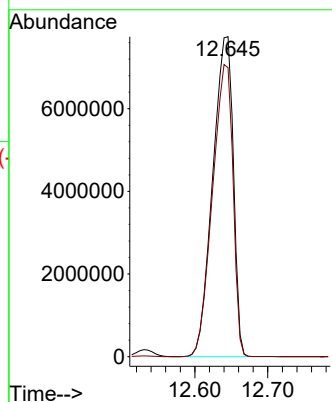
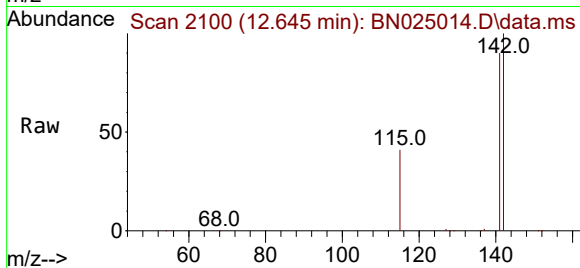
DCBL2

Tgt Ion:142 Resp:15193937

Ion Ratio Lower Upper

142 100

141 90.8 74.0 111.0



#10

Acenaphthylene

Concen: 2.445 ng/ul

RT: 14.297 min Scan# 2431

Delta R.T. 0.000 min

Lab File: BN025014.D

Acq: 19 Apr 2023 22:50

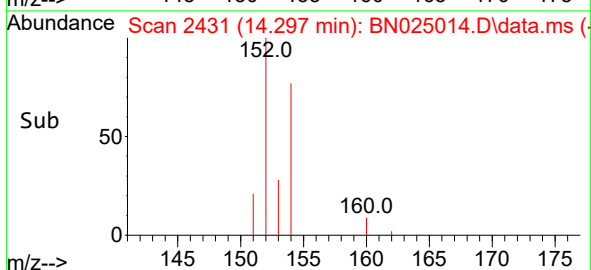
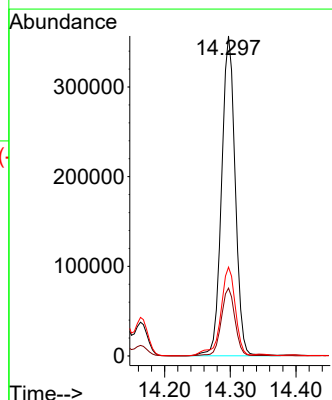
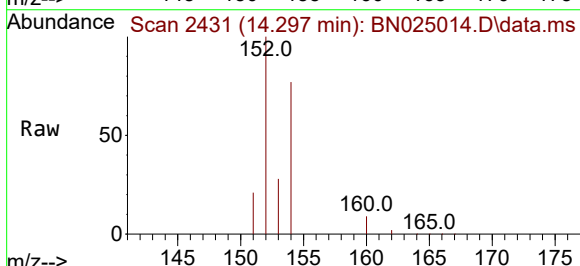
Tgt Ion:152 Resp: 513444

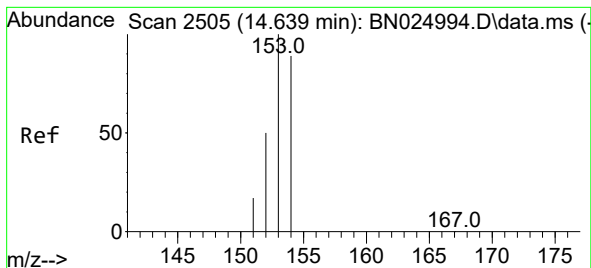
Ion Ratio Lower Upper

152 100

151 21.2 15.7 23.5

153 27.8 10.6 16.0#





#11

Acenaphthene

Concen: 148.453 ng/uI

RT: 14.658 min Scan# 21

Delta R.T. 0.019 min

Lab File: BN025014.D

Acq: 19 Apr 2023 22:50

Instrument :

BNA_N

ClientSampleId :

DCBL2

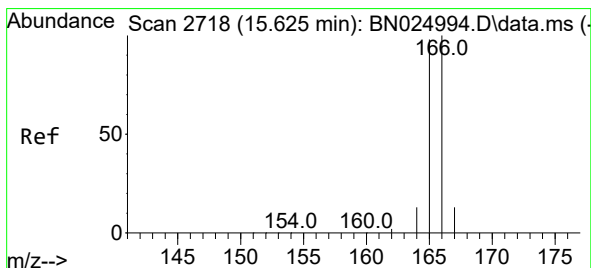
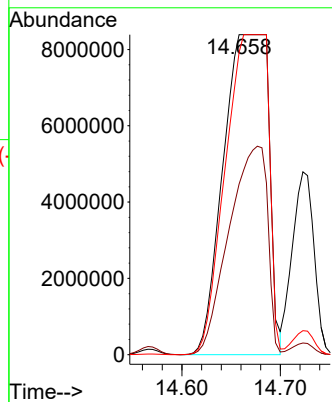
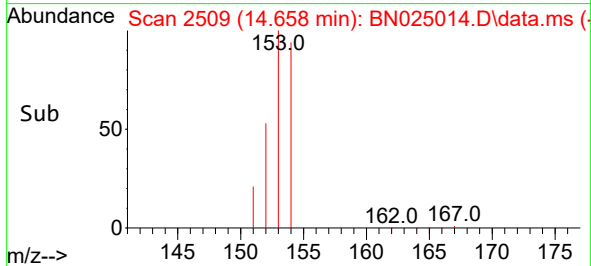
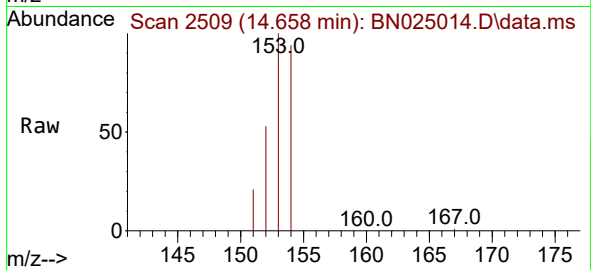
Tgt Ion:153 Resp:26716815

Ion Ratio Lower Upper

153 100

152 53.3 40.7 61.1

154 94.4 69.4 104.2



#12

Fluorene

Concen: 63.579 ng/uI

RT: 15.644 min Scan# 2722

Delta R.T. 0.019 min

Lab File: BN025014.D

Acq: 19 Apr 2023 22:50

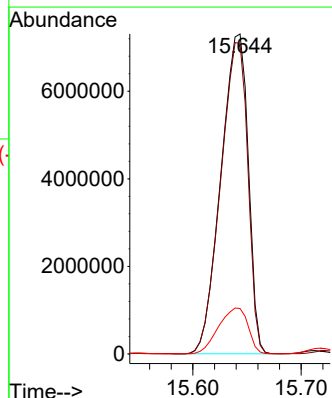
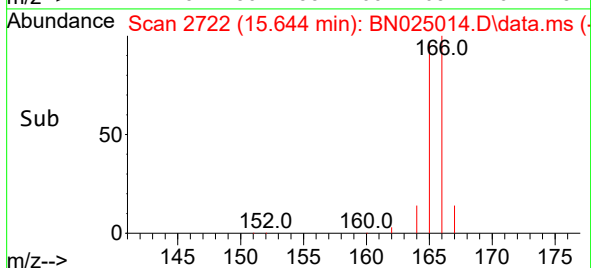
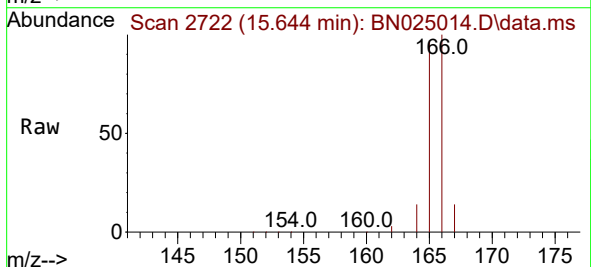
Tgt Ion:166 Resp:12815234

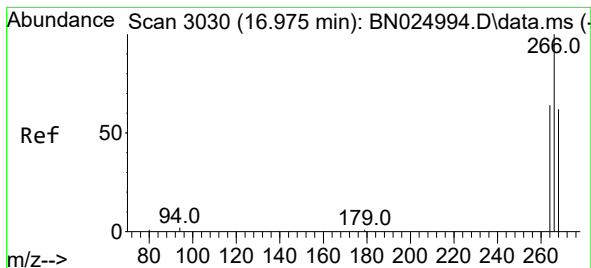
Ion Ratio Lower Upper

166 100

165 97.0 80.1 120.1

167 14.2 10.7 16.1





#14

Pentachlorophenol

Concen: 0.020 ng/ul

RT: 16.984 min Scan# 3032

Delta R.T. 0.004 min

Lab File: BN025014.D

Acq: 19 Apr 2023 22:50

Instrument :

BNA_N

ClientSampleId :

DCBL2

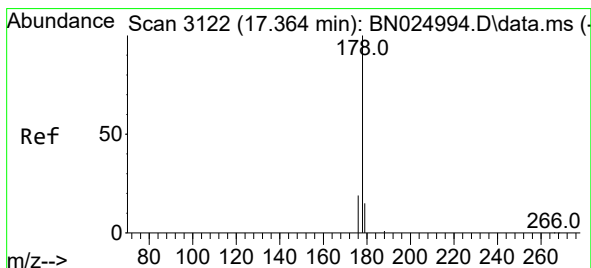
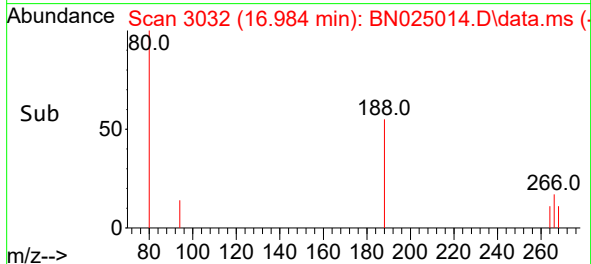
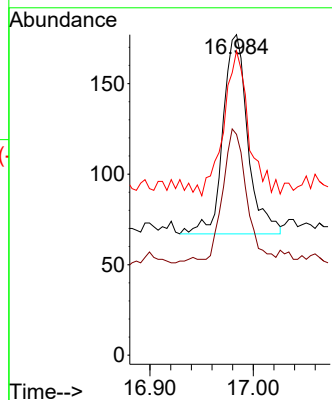
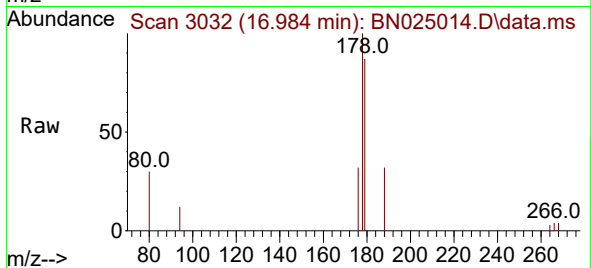
Tgt Ion:266 Resp: 184

Ion Ratio Lower Upper

266 100

264 63.6 51.2 76.8

268 73.4 51.4 77.2



#15

Phenanthrene

Concen: 6.897 ng/ul

RT: 17.461 min Scan# 3145

Delta R.T. 0.093 min

Lab File: BN025014.D

Acq: 19 Apr 2023 22:50

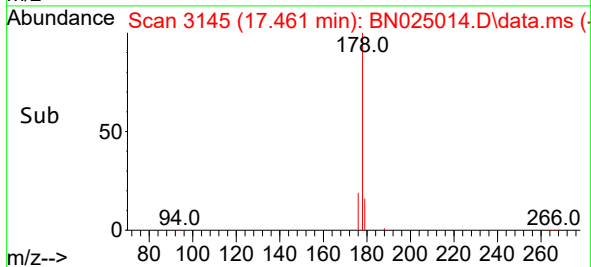
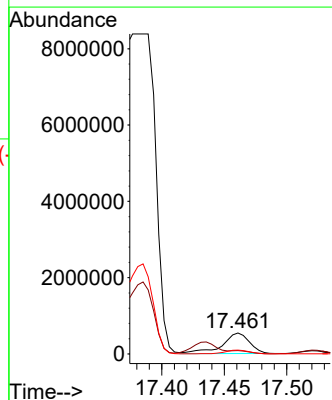
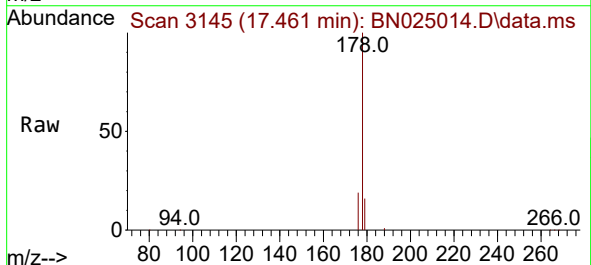
Tgt Ion:178 Resp: 827736

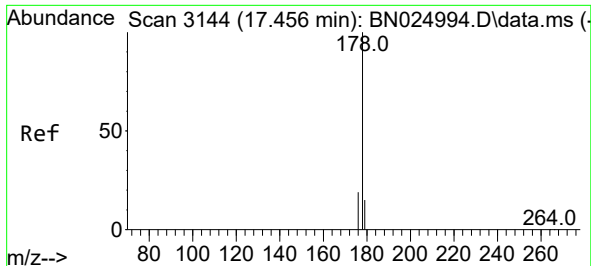
Ion Ratio Lower Upper

178 100

179 16.0 12.3 18.5

176 18.8 15.4 23.0

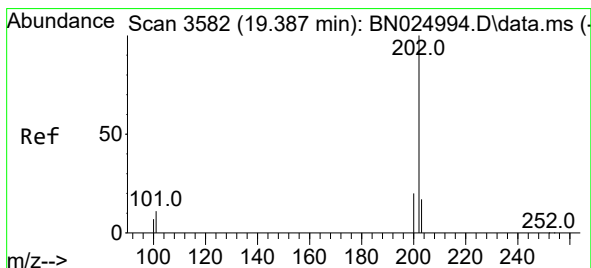
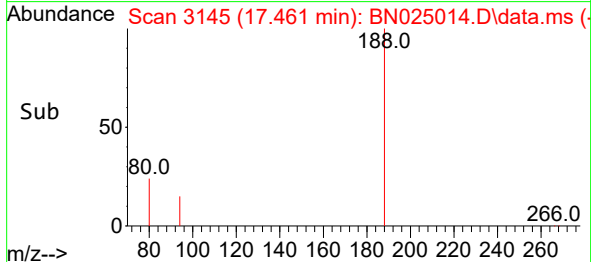
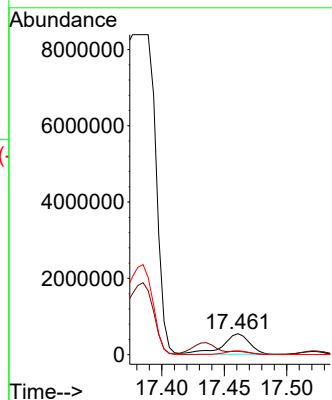
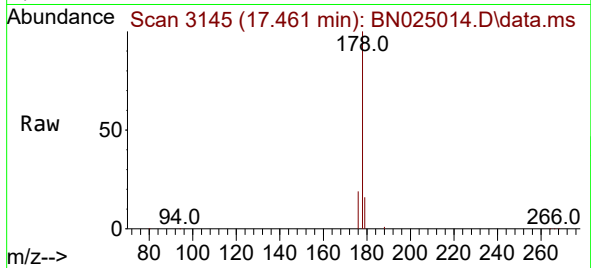




#16
 Anthracene
 Concen: 8.196 ng/ul
 RT: 17.461 min Scan# 3145
 Delta R.T. 0.004 min
 Lab File: BN025014.D
 Acq: 19 Apr 2023 22:50

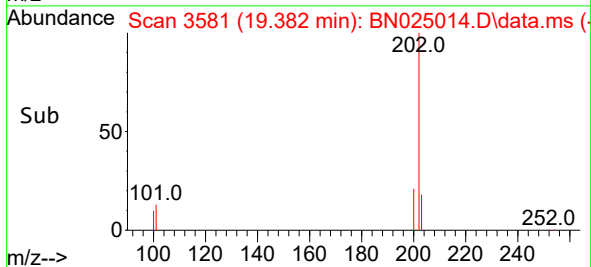
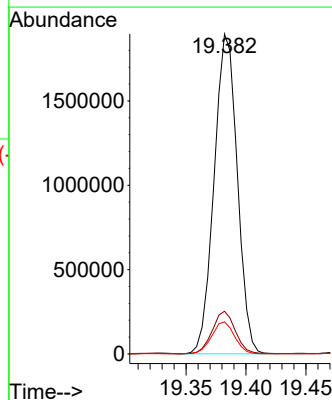
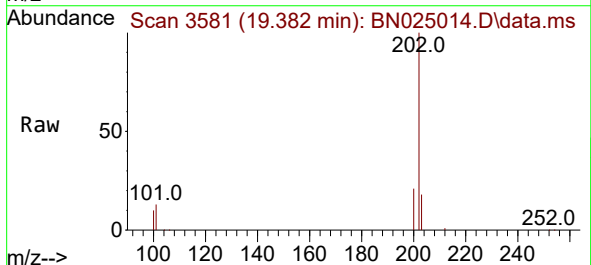
Instrument :
 BNA_N
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 DCBL2

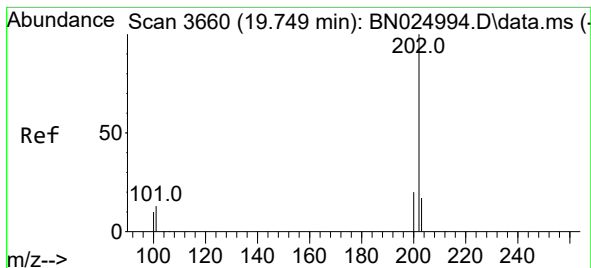
Tgt Ion:178 Resp: 817640
 Ion Ratio Lower Upper
 178 100
 179 16.0 12.4 18.6
 176 18.8 14.7 22.1



#19
 Fluoranthene
 Concen: 19.238 ng/ul
 RT: 19.382 min Scan# 3581
 Delta R.T. 0.000 min
 Lab File: BN025014.D
 Acq: 19 Apr 2023 22:50

Tgt Ion:202 Resp: 2549612
 Ion Ratio Lower Upper
 202 100
 101 13.4 10.0 15.0
 100 10.1 7.5 11.3





#20

Pyrene

Concen: 10.255 ng/ul

RT: 19.749 min Scan# 3660

Delta R.T. 0.005 min

Lab File: BN025014.D

Acq: 19 Apr 2023 22:50

Instrument :

BNA_N

ClientSampleId :

DCBL2

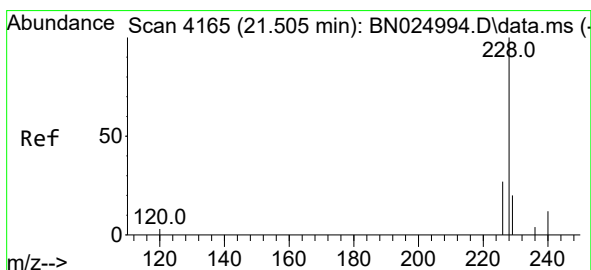
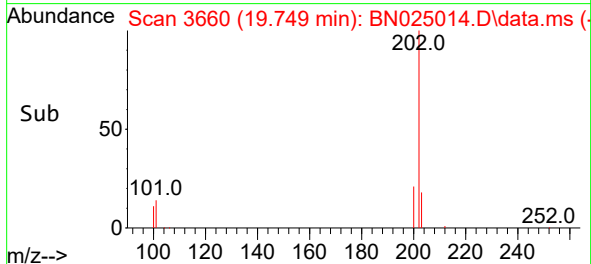
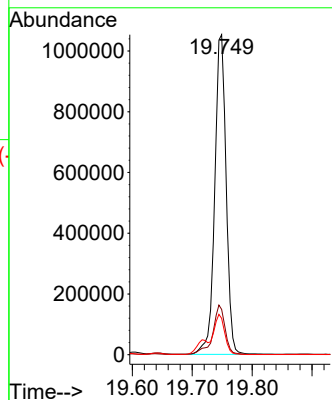
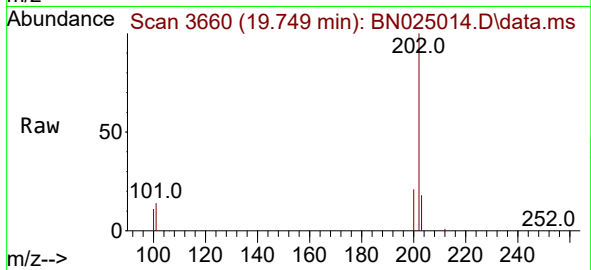
Tgt Ion:202 Resp: 1392594

Ion Ratio Lower Upper

202 100

101 14.2 11.8 17.8

100 11.4 9.5 14.3



#21

Benzo(a)anthracene

Concen: 0.056 ng/ul

RT: 21.497 min Scan# 4162

Delta R.T. -0.003 min

Lab File: BN025014.D

Acq: 19 Apr 2023 22:50

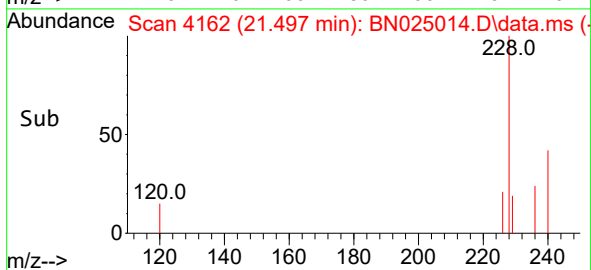
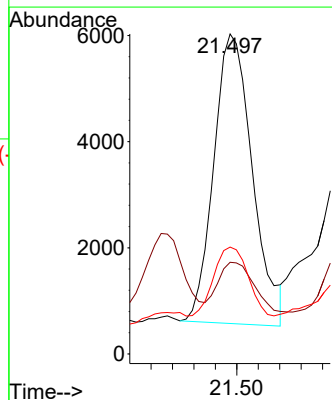
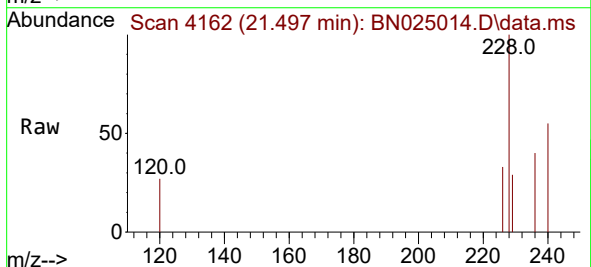
Tgt Ion:228 Resp: 6816

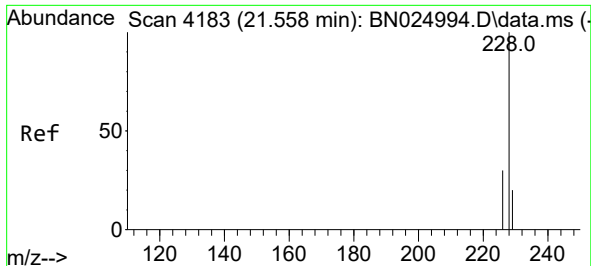
Ion Ratio Lower Upper

228 100

229 28.6 15.8 23.8#

226 33.4 22.2 33.2#





#22

Chrysene

Concen: 0.047 ng/ul

RT: 21.552 min Scan# 4183

Delta R.T. 0.000 min

Lab File: BN025014.D

Acq: 19 Apr 2023 22:50

Instrument :

BNA_N

ClientSampleId :

DCBL2

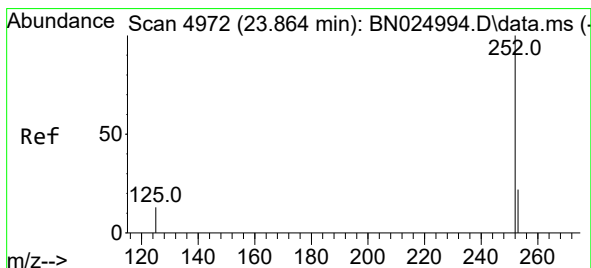
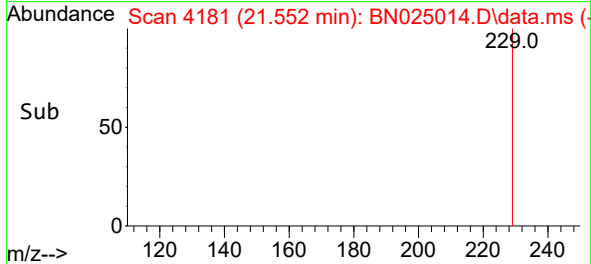
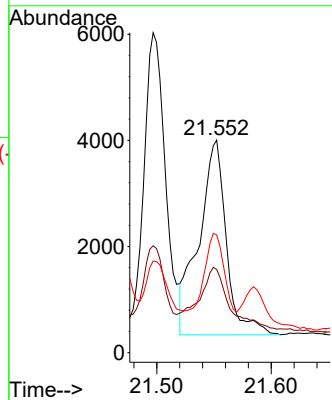
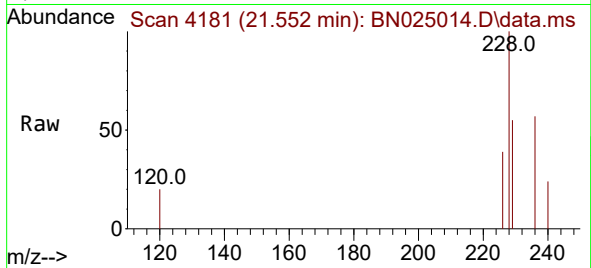
Tgt Ion:228 Resp: 6148

Ion Ratio Lower Upper

228 100

226 39.2 24.3 36.5#

229 55.5 15.7 23.5#



#26

Benzo(a)pyrene

Concen: 0.087 ng/ul

RT: 23.812 min Scan# 4954

Delta R.T. -0.041 min

Lab File: BN025014.D

Acq: 19 Apr 2023 22:50

Tgt Ion:252 Resp: 9906

Ion Ratio Lower Upper

252 100

253 47.0 20.7 31.1#

125 37.5 15.9 23.9#

